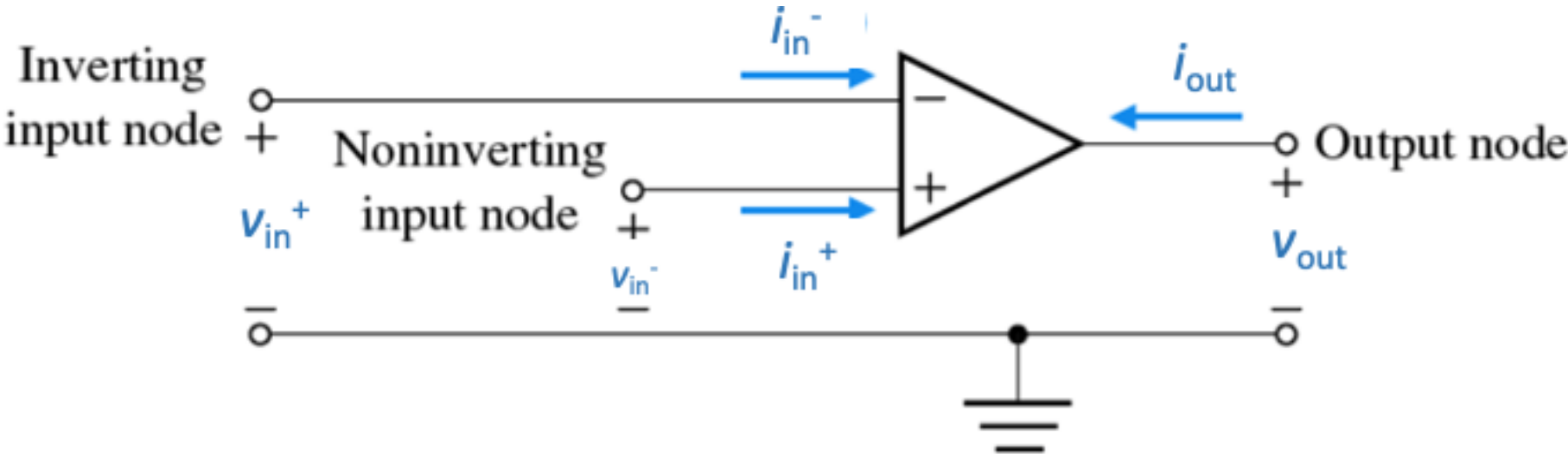


Review Test Submission: Quiz 2.4

User	David Kirby
Course	Intro to Control Systems - Fall 2020 Section Group I67
Test	Quiz 2.4
Started	8/24/20 8:17 PM
Submitted	8/24/20 8:18 PM
Status	Completed
Attempt Score	4 out of 4 points
Time Elapsed	0 minute
Results Displayed	Submitted Answers, Incorrectly Answered Questions

Question 11 out of 1 points

Consider the ideal, inverting op-amp. Which of the following statements are correct? (More than one answer may be correct.)



Selected Answers: $v_{in}^+ = v_{in}^-$
 $i_{in}^+ = 0$ and $i_{in}^- = 0$

Question 21 out of 1 points

Which of the following describes the current-voltage relationship for a capacitor?

Selected Answer: $v(t) = \frac{1}{C} \int_0^t i(\tau) d\tau$

Question 31 out of 1 points

Which of the following describes the current-voltage relationship for a resistor?

Selected Answer: $v(t) = Ri(t)$

Question 41 out of 1 points

Which of the following describes the current-voltage relationship for an inductor?

Selected Answer: $v(t) = L \frac{di(t)}{dt}$